

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Edmund A. HEBERT *et al.*

Attorney Docket No: 20002.0067A

Application No.: To Be Assigned

Group Art Unit: To Be Assigned

Filed: Concurrently Herewith

Examiner: To Be Assigned

For: METHOD OF FORMING A MULTILAYER GOLF
BALL WITH A THIN THERMOSET OUTER
LAYER

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to Applicants' duty of disclosure under 37 CFR §§ 1.97 and 1.98, enclosed is a Form PTO-1449 that lists one hundred eighty-five (185) references in reverse chronological order. Based on the Office's waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i), Applicants have not submitted copies of the U.S. patents and patent applications cited on the Form PTO-1449. In addition, the foreign patent documents and articles were either cited by the Examiner or submitted by Applicants during the prosecution of the parent application nos. 09/625,544, 09/207,690, and 08/863,788. Copies of these foreign patent documents and articles will be submitted on request by the Examiner.

It is respectfully requested that these references be made of record in this application by the Examiner's completion and return of the attached Form PTO-1449.

No fee is believed to be due for this submission, since it is being made before an initial Office Action on the merits of the above-identified application. Should any fee be required, however, please charge such fee to Swidler Berlin Shereff Friedman, LLP Deposit Account No. 195127, Order No. 20002.0067A.

Respectfully submitted,

SWIDLER BERLIN SHEREFF FRIEDMAN, LLP

Dated April 19, 2004

By:  _____

John P. Mulgrew, Registration No. 47,809
SWIDLER BERLIN SHEREFF FRIEDMAN, LLP
3000 K Street, NW, Suite 300
Washington, D.C. 20007
(202) 424-7500 Telephone
(202) 424-7647 Facsimile

FORM PTO-1449

**INFORMATION DISCLOSURE
CITATION**

Attorney Docket:
20002.0067A
Applicant:
E. Hebert *et al.*
Filing Date:
Concurrently Herewith

Application No.:
To Be Assigned
Examiner:
To Be Assigned
Group Art Unit:
To Be Assigned

U.S. PATENT DOCUMENTS

| Examiner Initial | Ref. No. | Document Number | Date | Name | Class | Sub-Class | Filing Date |
|------------------|----------|-----------------|---------|----------------------|-------|-----------|-------------|
| | AA | 6,503,156 | 01/2003 | Sullivan | 473 | 374 | |
| | AB | 6,368,237 | 04/2002 | Sullivan | 473 | 378 | |
| | AC | 6,315,684 B1 | 11/2001 | Binette et al. | 473 | 377 | |
| | AD | 6,309,313 B1 | 10/2001 | Peter | 473 | 378 | |
| | AE | 6,290,611 B1 | 09/2001 | Rajagopalan et al. | 473 | 371 | |
| | AF | 6,193,619 | 02/2001 | Wu et al. | 473 | 374 | |
| | AG | 6,190,268 B1 | 02/2001 | Dewanjee | 473 | 370 | |
| | AH | 6,152,834 | 11/2000 | Sullivan | 473 | 365 | |
| | AI | 6,149,535 | 11/2000 | Bissonnette et al. | 473 | 354 | |
| | AJ | 6,132,324 | 10/2000 | Hebert et al. | 473 | 378 | |
| | AK | 6,130,295 | 10/2000 | Yokota | 525 | 221 | |
| | AL | 6,126,559 | 10/2000 | Sullivan | 473 | 378 | |
| | AM | 6,117,025 | 09/2000 | Sullivan | 473 | 373 | |
| | AN | 6,117,024 | 09/2000 | Dewanjee | 473 | 351 | |
| | AO | 6,103,166 | 08/2000 | Boehm et al. | 264 | 250 | |
| | AP | 6,057,403 | 05/2000 | Sullivan et al. | 525 | 221 | |
| | AQ | 6,015,356 | 01/2000 | Sullivan et al. | 473 | 373 | |
| | AR | 6,012,997 | 01/2000 | Mason | 473 | 594 | |
| | AS | 6,004,226 | 12/1999 | Asakura | 473 | 373 | |
| | AT | 6,001,930 | 12/1999 | Rajagopalan | 525 | 92 | |
| | AU | 5,994,470 | 11/1999 | Tanaka | 525 | 183 | |
| | AV | 5,989,136 | 11/1999 | Renard et al. | 473 | 376 | |
| | AW | 5,984,807 | 11/1999 | Wai et al. | 473 | 376 | |
| | AX | 5,981,684 | 11/1999 | Bruchmann et al. | 528 | 45 | |
| | AY | 5,976,035 | 11/1999 | Umezawa et al. | 473 | 364 | |
| | AZ | 5,971,870 | 10/1999 | Sullivan et al. | 473 | 373 | |
| | BA | 5,959,059 | 09/1900 | Vedula et al. | 528 | 76 | |
| | BB | 5,948,862 | 09/1999 | Sano et al. | 525 | 89 | |
| | BC | 5,929,171 | 07/1999 | Sano et al. | 525 | 261 | |
| | BD | 5,919,101 | 07/1999 | Yokota <i>et al.</i> | 473 | 374 | |
| | BE | 5,919,100 | 07/1999 | Buchm et al. | 473 | 354 | |
| | BF | 5,908,358 | 06/1999 | Wu | 473 | 378 | |
| | BG | 5,902,855 | 05/1999 | Sullivan | 525 | 221 | |
| | BH | 5,899,822 | 05/1999 | Yamagishi et al. | 473 | 374 | |
| | BI | 5,888,437 | 03/1999 | Calabria et al. | 264 | 135 | |
| | BJ | 5,885,173 | 03/1999 | Keller | 473 | 385 | |
| | BK | 5,885,172 | 03/1999 | Hebert et al. | 473 | 354 | |
| | BL | 5,861,465 | 01/1999 | Hamada et al. | 525 | 332.6 | |
| | BM | 5,859,153 | 07/1999 | Kirk et al. | 525 | 481 | |

Examiner

Date Considered

Examiner: Initial if reference consider, whether or not citation is in conformance with MPEP §609.

Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to Application

FORM PTO-1449

INFORMATION DISCLOSURE CITATION

Attorney Docket: 20002.0067
 Applicant: Edmund A. Hebert et al.
 Filing Date: July 25, 2000
 Serial No.: 09/625,544
 Examiner: Edmund H. Lee
 Group Art Unit: 1732

U.S. PATENT DOCUMENTS

| Examiner Initial | Ref. No. | Document Number | Date | Name | Class | Sub-Class | Filing Date |
|------------------|----------|-----------------|---------|-------------------------|-------|-----------|-------------|
| | BN | 5,856,388 | 01/1999 | Harris <i>et al.</i> | 524 | 320 | |
| | BO | 5,840,801 | 11/1998 | Gardiner | 525 | 54.44 | |
| | BP | 5,836,834 | 11/1998 | Masutani <i>et al.</i> | 473 | 374 | |
| | BQ | 5,836,833 | 11/1998 | Shimosaka <i>et al.</i> | 473 | 365 | |
| | BR | 5,833,553 | 11/1998 | Sullivan <i>et al.</i> | 473 | 374 | |
| | BS | 5,827,134 | 10/1998 | Sullivan <i>et al.</i> | 473 | 372 | |
| | BT | 5,820,488 | 10/1998 | Sullivan <i>et al.</i> | 473 | 374 | |
| | BU | 5,820,486 | 10/1998 | Tanaka <i>et al.</i> | 473 | 374 | |
| | BV | 5,820,485 | 10/1998 | Hwang | 473 | 361 | |
| | BW | 5,816,944 | 10/1998 | Asakura <i>et al.</i> | 473 | 372 | |
| | BX | 5,816,939 | 10/1998 | Hamada <i>et al.</i> | 473 | 357 | |
| | BY | 5,813,923 | 09/1998 | Cavallaro | 473 | 373 | |
| | BZ | 5,810,678 | 09/1998 | Cavallaro | 473 | 373 | |
| | CA | 5,803,831 | 9/1998 | Sullivan <i>et al.</i> | 473 | 374 | |
| | CB | 5,800,286 | 09/1998 | Kakiuchi <i>et al.</i> | 473 | 365 | |
| | CC | 5,797,808 | 08/1998 | Hayashi <i>et al.</i> | 473 | 364 | |
| | CD | 5,792,008 | 08/1998 | Kakiuchi <i>et al.</i> | 473 | 354 | |
| | CE | 5,779,562 | 07/1998 | Melvin | 473 | 373 | |
| | CF | 5,779,561 | 07/1998 | Sullivan | 473 | 373 | |
| | CG | 5,776,013 | 07/1998 | Yokota | 473 | 377 | |
| | CH | 5,772,530 | 06/1998 | Kato | 473 | 363 | |
| | CI | 5,766,096 | 06/1998 | Maruko <i>et al.</i> | 473 | 365 | |
| | CJ | 5,762,568 | 06/1998 | Kato | 473 | 365 | |
| | CK | 5,759,676 | 06/1998 | Cavallaro | 428 | 215 | |
| | CL | 5,749,796 | 05/1998 | Shimosaka <i>et al.</i> | 473 | 365 | |
| | CM | 5,744,549 | 04/1998 | Lutz | 525 | 129 | |
| | CN | 5,733,428 | 03/1998 | Calabria <i>et al.</i> | 264 | 134 | |
| | CO | 5,730,665 | 03/1998 | Shimosaka <i>et al.</i> | 473 | 376 | |
| | CP | 5,730,664 | 03/1998 | Asakura <i>et al.</i> | 473 | 373 | |
| | CQ | 5,730,663 | 03/1998 | Tanaka <i>et al.</i> | 473 | 373 | |
| | CR | 5,728,011 | 03/1998 | Sugimoto <i>et al.</i> | 473 | 357 | |
| | CS | 5,716,293 | 02/1998 | Yabuki <i>et al.</i> | 473 | 363 | |
| | CT | 5,713,802 | 02/1998 | Moriyama <i>et al.</i> | 473 | 374 | |
| | CU | 5,713,801 | 02/1998 | Aoyama | 473 | 354 | |
| | CV | 5,704,852 | 01/1998 | Kato <i>et al.</i> | 473 | 357 | |
| | CW | 5,697,856 | 12/1997 | Moriyama <i>et al.</i> | 473 | 374 | |
| | CX | 5,692,974 | 12/1997 | Wu <i>et al.</i> | 473 | 377 | |
| | CY | 5,692,973 | 12/1997 | Dalton | 473 | 374 | |

Examiner

Date Considered

Examiner: Initial if reference consider, whether or not citation is in conformance with MPEP §609.
 Draw line through citation if not in conformance and not considered.
 Include copy of this form with next communication to Application

FORM PTO-1449

INFORMATION DISCLOSURE CITATION

Attorney Docket:
20002.0067
Applicant:
Edmund A. Hebert
et al.
Filing Date:
July 25, 2000

Serial No.:
09/625,544
Examiner:
Edmund H. Lee
Group Art Unit:
1732

U.S. PATENT DOCUMENTS

| Examiner Initial | Ref. No. | Document Number | Date | Name | Class | Sub-Class | Filing Date |
|------------------|----------|-----------------|---------|------------------|-------|-----------|-------------|
| | CZ | 5,688,191 | 11/1997 | Cavallaro et al. | 473 | 373 | |
| | DA | 5,663,235 | 09/1997 | Tanaka | 525 | 201 | |
| | DB | 5,628,699 | 05/1997 | Maruko et al. | 473 | 363 | |
| | DC | 5,625,003 | 04/1997 | Kato et al. | 525 | 208 | |
| | DD | 5,609,535 | 03/1997 | Morgan | 473 | 378 X | |
| | DE | 5,589,546 | 12/1996 | Hiraoka et al. | 525 | 193 | |
| | DF | 5,587,420 | 12/1996 | Takizawa et al. | 524 | 572 | |
| | DG | 5,586,950 | 12/1996 | Endo | 473 | 378 | |
| | DH | 5,585,440 | 12/1996 | Yamada et al. | 525 | 193 | |
| | DI | 5,575,472 | 11/1996 | Magerman et al. | 29 | 530 | |
| | DJ | 5,574,107 | 11/1996 | Hiraoka et al. | 473 | 378 | |
| | DK | 5,565,524 | 10/1996 | Hamada et al. | 525 | 208 | |
| | DL | 5,553,852 | 09/1996 | Higuchi et al. | 473 | 373 | |
| | DM | 5,543,467 | 08/1996 | Hamada et al. | 525 | 207 | |
| | DN | 5,496,496 | 03/1996 | Kajita et al. | 252 | 182.24 | |
| | DO | 5,494,958 | 02/1996 | Freeman et al. | 524 | 505 | |
| | DP | 5,484,870 | 01/1996 | Wu | 528 | 28 | |
| | DQ | 5,482,287 | 01/1996 | Nesbitt et al. | 273 | 232 | |
| | DR | 5,461,109 | 10/1995 | Blair et al. | 524 | 839 | |
| | DS | 5,421,580 | 06/1995 | Sugimoto et al. | 273 | 227 | |
| | DT | 5,415,937 | 05/1995 | Cadorniga et al. | 473 | 385 X | |
| | DU | 5,334,673 | 08/1994 | Wu | 273 | 235 R | |
| | DV | 5,314,187 | 05/1994 | Proudfit | 273 | 235 R | |
| | DW | 5,253,871 | 10/1993 | Viollaz | 273 | 228 | |
| | DX | 5,252,652 | 10/1993 | Egahira et al. | 524 | 392 | |
| | DY | 5,184,828 | 02/1993 | Kim et al. | 273 | 228 | |
| | DZ | 5,150,905 | 09/1992 | Yuki et al. | 273 | 218 | |
| | EA | 5,141,233 | 08/1992 | Yuki et al. | 273 | 218 | |
| | EB | 5,131,662 | 07/1992 | Pollitt | 273 | 230 | |
| | EC | 5,112,556 | 05/1992 | Miller | 264 | 279 | |
| | ED | 5,072,944 | 12/1991 | Nakahara et al. | 273 | 220 | |
| | EE | 5,037,104 | 08/1991 | Watanabe et al. | 273 | 35 | |
| | EF | 5,025,059 | 06/1991 | Mouri et al. | 524 | 495 | |
| | EG | 5,017,636 | 05/1991 | Hattori et al. | 524 | 300 | |
| | EH | 5,006,297 | 04/1991 | Brown et al. | 263 | 234 | |
| | EI | 5,006,288 | 04/1991 | Rhodes et al. | 264 | 46.6 | |
| | EJ | 5,002,281 | 03/1991 | Nakahara et al. | 273 | 220 | |
| | EK | 4,984,803 | 01/1991 | Llort et al. | 273 | 235 R | |

Examiner

Date Considered

Examiner: Initial if reference consider, whether or not citation is in conformance with MPEP §609.
Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to Application

FORM PTO-1449

INFORMATION DISCLOSURE CITATION

Attorney Docket:
20002.0067
Applicant:
Edmund A. Hebert
et al.
Filing Date:
July 25, 2000

Serial No.:
09/625,544
Examiner:
Edmund H. Lee
Group Art Unit:
1732

U.S. PATENT DOCUMENTS

| Examiner Initial | Ref. No. | Document Number | Date | Name | Class | Sub-Class | Filing Date |
|------------------|----------|-----------------|---------|----------------------|-------|-----------|-------------|
| | EL | 4,971,329 | 11/1990 | Llort et al. | 273 | 218 | |
| | EM | 4,968,752 | 11/1990 | Kawamoto et al. | 525 | 194 | |
| | EN | 4,959,000 | 09/1990 | Giza | 425 | 116 | |
| | EO | 4,931,376 | 06/1990 | Ikematsu et al. | 525 | 164 | |
| | EP | 4,919,434 | 04/1990 | Saito | 273 | 235 R | |
| | EQ | 4,914,152 | 04/1990 | Miyashita et al. | 525 | 68 | |
| | ER | 4,858,924 | 08/1989 | Saito et al. | 273 | 62 | |
| | ES | 4,852,884 | 08/1989 | Sullivan | 273 | 230 | |
| | ET | 4,848,770 | 07/1989 | Shama | 273 | 228 | |
| | EU | 4,714,253 | 12/1987 | Nakahara et al. | 473 | 378 | |
| | EV | 4,692,497 | 09/1987 | Gendreau et al. | 525 | 263 | |
| | EW | 4,674,751 | 06/1987 | Molitor et al. | 273 | 235 | |
| | EX | 4,650,193 | 03/1987 | Molitor et al. | 273 | 228 | |
| | EY | 4,625,964 | 12/1986 | Yamada | 273 | 62 | |
| | EZ | 4,530,386 | 07/1985 | Nakahira | 152 | 315 | |
| | FA | 4,499,239 | 02/1985 | Murakami et al. | 525 | 111 | |
| | FB | 4,473,229 | 09/1984 | Kloppenburger et al. | 273 | 225 | |
| | FC | 4,431,193 | 02/1984 | Nesbitt | 273 | 235 R | |
| | FD | 4,429,068 | 01/1984 | Nakahira | 524 | 302 | |
| | FE | 4,367,873 | 01/1983 | Chang et al. | 273 | 60 R | |
| | FF | 4,310,582 | 01/1982 | Stumpe, Jr. | 428 | 182 | |
| | FG | 4,274,637 | 06/1981 | Molitor | 273 | 235 R | |
| | FH | 4,267,217 | 05/1981 | Brooker | 428 | 374 | |
| | FI | 4,229,401 | 10/1980 | Pocklington | 264 | 248 | |
| | FJ | 4,203,941 | 05/1980 | Brooker | 273 | 217 | |
| | FK | 4,173,345 | 11/1979 | Pocklington | 273 | 217 | |
| | FL | 4,144,223 | 03/1979 | Kent | 260 | 42.47 | |
| | FM | 4,123,061 | 10/1978 | Dusbiber | 273 | 220 | |
| | FN | 4,062,825 | 12/1977 | Watabe et al. | 260 | 32 N | |
| | FO | 4,033,900 | 07/1977 | Hargis et al. | 252 | 431 L | |
| | FP | 3,992,014 | 11/1976 | Retford | 273 | 218 | |
| | FQ | 3,989,568 | 11/1976 | Isaac | 156 | 182 | |
| | FR | 3,965,055 | 06/1976 | Shichman et al. | 260 | 3 | |
| | FS | 3,940,145 | 02/1976 | Grentiluomo | 273 | 218 | |
| | FT | 3,926,933 | 12/1975 | Naylor | 260 | 94.3 | |
| | FU | 3,808,077 | 04/1974 | Reiser et al. | 156 | 102 | |
| | FV | 3,804,421 | 03/1974 | Alex et al. | 273 | 218 | |
| | FW | 3,666,272 | 05/1972 | Walker et al. | 273 | 218 | |

Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP §609.
Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to Application

FORM PTO-1449**INFORMATION DISCLOSURE CITATION**

Attorney Docket:

20002.0067

Serial No.:

09/625,544

Applicant:

Edmund A. Hebert
et al.

Examiner:

Edmund H. Lee

Filing Date:

July 25, 2000

Group Art Unit:

1732

U.S. PATENT DOCUMENTS

| Examiner Initial | Ref. No. | Document Number | Date | Name | Class | Sub-Class | Filing Date |
|------------------|----------|-----------------|---------|--------------------|-------|-----------|-------------|
| | FX | 3,616,101 | 10/1971 | Satchell et al. | 161 | 7 | |
| | FY | 3,572,722 | 03/1971 | Harrison et al. | 273 | 218 | |
| | FZ | 3,572,721 | 03/1971 | Harrison et al. | 273 | 218 | |
| | GA | 3,262,272 | 07/1966 | Barakauskas et al. | 60 | 39.05 | |
| | GB | 3,239,228 | 03/1966 | Crompton, III | 273 | 218 | |
| | GC | 3,177,280 | 04/1965 | Ford et al. | 264 | 275 | |
| | GD | 3,147,324 | 09/1964 | Ward | 264 | 254 | |
| | GE | 2,376,085 | 05/1945 | Radford et al. | 18 | 30 | |
| | GF | 2,229,170 | 01/1941 | Greene | 273 | 62 | |
| | GG | 1,558,706 | 10/1925 | Mitzel | | | |
| | GH | 720,852 | 02/1903 | Smith | 473 | 374 | |
| | GI | 704,748 | 07/1902 | Kempshall | 473 | 374 | |
| | GJ | 700,658 | 05/1902 | Kempshall | 473 | 374 | |
| | GK | 697,925 | 04/1902 | Kempshall | | | |

FOREIGN PATENT DOCUMENTS

| | | Document Number | Date | Country | Class | Sub-Class | Translation Yes/No |
|--|----|-----------------|---------|----------------|-------|-----------|--------------------|
| | GL | GB 1 168 609 | 10/1969 | United Kingdom | | | |
| | GM | GB 1 209 032 | 10/1970 | United Kingdom | | | |
| | GN | EP 0577 058 A1 | 01/1994 | European | | | |
| | GO | GB 2 321 021 A | 03/1997 | United Kingdom | | | |
| | GP | WO 00/57962 | 10/2000 | PCT | | | |
| | GQ | WO 98/37929 | 09/1998 | PCT | | | |
| | GR | EP 0 903 357 A1 | 03/1999 | EPO | | | |
| | GS | AU-A-16548/97 | 02/1997 | Australia | | | |
| | GT | AU-A-16547/97 | 02/1997 | Australia | | | |
| | GU | AU 703884 | 03/1997 | Australia | | | |
| | GV | GB 2,278,609 | 07/1994 | United Kingdom | | | |
| | GW | GB 2,291,817 | 07/1996 | United Kingdom | | | |
| | GX | GB 2,291,811 | 07/1996 | United Kingdom | | | |
| | GY | GB 2,291,812 | 07/1996 | United Kingdom | | | |

| | |
|--|-----------------|
| Examiner | Date Considered |
| Examiner: Initial if reference consider, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Application | |

| | | |
|---|--|----------------------------|
| FORM PTO-1449 | Attorney Docket: 20002.0067 | Serial No.: 09/625,544 |
| <u>INFORMATION DISCLOSURE CITATION</u> | Applicant: Edmund A. Hebert et al. | Examiner: Edmund H. Lee |
| | Filing Date: July 25, 2000 | Group Art Unit: 1732 |

| OTHER DOCUMENTS (Including Author, Title, Date, etc.) | | |
|---|----|--|
| | GZ | Dewanjee, U.S. Patent Application Publication No. 2002/0039935 A1, April 4, 2002 |
| | HA | Raj B. Durairaj et al., "Cast Polyurethanes From Resorcinol-Based Aromatic Diols" (Oct. 10-14, 1998). |
| | HB | Raj B. Durairaj, "HER Materials For Polyurethane Applications" (Spring, 1999). |
| | HC | Chapter 8 of Polyurethane Handbook, Solid Polyurethane Materials, (date of publication unknown), pp. 388-421 and 433-438; (Section 8.1, PUR Cast Systems, A. Atwater et al., pp. 388-421) (Section 8.3, Special Elastomers, K. Recker, pp. 433-438). |

| | |
|--|-----------------|
| Examiner | Date Considered |
| Examiner: Initial if reference consider, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Application | |